

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
1 September 2005 (01.09.2005)

PCT

(10) International Publication Number
WO 2005/079397 A2

(51) International Patent Classification: Not classified

(74) Agents: FEIT, Irving, N. et al.; Hoffmann & Baron, LLP,
6900 Jericho Turnpike, Syosset, NY 11791 (US).

(21) International Application Number:
PCT/US2005/004714

(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 11 February 2005 (11.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10/778,908 13 February 2004 (13.02.2004) US
10/845,057 13 May 2004 (13.05.2004) US

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(71) Applicant (*for all designated States except US*): ROCK-
EFELLER UNIVERSITY [US/US]; 1230 York Avenue,
New York, NY 11021-6399 (US).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): TUSCHL, Thomas,
H. [DE/US]; 504 East 63rd Street, #37R, New York,
NY 10021 (US). LANDTHALER, Markus [DE/US];
238 East 81st Street, #3A, New York, NY 10028 (US).
MEISTER, Gunter [DE/US]; 500 East 63rd Street, New
York, NY 10021 (US). PFEFFER, Sebastien [FR/US];
10 River Road, #11C, New York, NY 10044 (US).

Published:

— without international search report and to be republished
upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ANTI-MICRORNA OLIGONUCLEOTIDE MOLECULES

(57) Abstract: The invention relates to isolated anti-microRNA molecules. In another embodiment, the invention relates to an isolated microRNA molecule. In yet another embodiment, the invention provides a method for inhibiting microRNP activity in a cell.

WO 2005/079397 A2